Ishan Khandelwal

ishankhandelwals@gmail.com

+916376309552 Alwar, Rajasthan, India

Linkedin Website Github

Skills

Languages — C++, JavaScript, **Frameworks/Libs** — React, Next.js, Angular, Node.js, **Databases** — SQL, MongoDB, DynamoDB, **DevOps Tools** — Docker, Kubernetes, CI/CD(Jenkins, Github Actions), **Version Control** — Git, Bit Bucket, **Other** — JIRA, AWS, Linux, Data Structures, and Algorithms

Projects

VibeShare, *Full Stack Social Media App*
Full-stack application where people can share there pictures with everyone.

Technology used: Sanity.io (Content Management System + Backend), React.js, Tailwind CSS.

Links:
- **Github Repository**: https://github.com/ishan301/VibeShare
- **Hosted on Render:** https://vibeshare.onrender.com/ .

StarChat, *Realtime Chat without login*
06/2022 – 07/2022
Real-time chat application where people all over the world can chat without the need for login by websocket connection using socket.io between the client and server.

Technology used: Node.js, Socket.io.

Links:
- **Github Repository:** Github Link
- **Hosted on Render:** Application Link

Education

Bachelor Of Engineering (Computer Science), *Sant Longowal Institute Of Engineering and Technology*
08/2020 – 06/2024 | Sangrur, Punjab
9 CGPA

Work Experience

Associate Software Engineer,
Unthinkable Solutions
01/2024 – present
- Developed frontend web applications using Angular and Angular Material, optimizing UI components and implementing efficient SCSS styling.
- Architected and implemented backend services with Node.js and TypeScript, developing efficient repositories, routes, and server handlers that improved system performance and maintainability.
- Optimized cloud database management by leveraging AWS DynamoDB and SQL, resulting in a 30% reduction in data retrieval times and more efficient data storage solutions.
- Enhanced code reliability by writing and executing comprehensive backend integration tests using Chai and Mocha, reducing bugs by 25%.
- Reduced server load by 90% by implementing RabbitMQ for asynchronous image generation, efficiently processing JSON data, and significantly improving system efficiency.
- Managed containerization and orchestration with Docker and Kubernetes, leading to a 40% increase in system scalability and reliability.
- Designed and implemented a microservices architecture that increased system performance by 35% and streamlined maintenance processes.
- Facilitated version control and collaborative development using Git, with successful workflow integration on GitHub and BitBucket.
- Streamlined the build and deployment processes by implementing CI/CD pipelines with Jenkins, resulting in a 50% reduction in deployment time.